

III. Remarks

Reconsideration and allowance of the subject application are respectfully requested.

Claims 5-22, 24-26 and 44-52 are pending in the application. Claims 5, 11, 17, 24, 25, and 26 are independent.

The specification has been amended to overcome the objection thereto. No new matter has been added.

The claims have been amended to overcome the informalities kindly noted by the Examiner.

Claims 1-29 and 44-52, stand rejected as being unpatentable over Baum, Dobson, and Moon, for the reasons discussed on pages 3-13 of the Office Action. Applicants respectfully traverses all art rejections.

The Examiner seems to have misread the original claims as broad enough to read on adding cyclic redundancy after scrambling. Specifically, in Figure 2 of Baum, cyclic redundancy is added after scrambling (multiplication by a "long code" is scrambling). Cyclic redundancy is added at 240, which is after the long code multiplication at 225. This also seems to be the case for Moon, in which it is clear that the cyclic redundancy is added after scrambling in Figure 1. The present claims, on the other hand, recite equalizing received blocks to which a known or knowable prefix and suffix are added before scrambling and which were transmitted without adding cyclic redundancy. In the claims this is explicit in the recitation that the transmitted prefix and suffix are not identical.

Accordingly, the salient claimed features of the present invention are nowhere disclosed by the cited art, whether that art is taken individually or in combination.

In view of the above, it is believed that this application is now in condition for allowance, and a Notice thereof is respectfully requested.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 625-3500. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

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